

March 28, 1983

Memo to File:

RE: Field Tour and Office Meeting  
Chevron Resources Company  
Vernal Operations  
ACT/047/007  
Uintah County, Utah

On March 25, 1983 Division Officials Dave Darby, Wayne Hedberg and Tom Portle toured the above-mentioned operation. They were accompanied by Howard Abplanab, LeRoy Fyock and Fred Riding. Following the tour a meeting was held to discuss DOGM "draft" comments in order to upgrade those comments in light of the field tour. The main emphasis of both the field tour and meeting were hydrology related.

The field tour began at the tailings dam area. The seepage control trench was in place and functional. Reclamation in this area has yet to be carried out. Pumps function automatically to impell water (intercepted prior to reaching Big Brush Creek) back to the tailings pond. Water monitoring wells were in place. The active operations area was viewed. The French drains were the main point of interest. All seemed to be functioning as intended.

The main drain from the south side of the pad was viewed from below the slurry pipeline (where it crosses Big Brush Gorge). No water discharge was observed here even though snowmelt was occurring. Mr. Fyock had recently walked the area with the intent of sampling but had not found a discharge. The question of as to exactly where all the runoff water is going remains open. The Big Brush Creek Road Fill was then viewed. Water quality above the fill seemed very good however, a sediment input was observed from unstabilized fill near the culvert opening. Mr Fyock indicated that he would address this area. Water quality below the fill was not as good. It appears seeps on the adjacent slope provide an input of sediment.

Runoff from roads is divered into small catchment basins for sediment control purposes. This system is put in place on an "as needed" basis. No design was utilized in its development. Grading of roads appeared very good and the operation looked to be in a good state of maintenance.

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A discussion of the "draft" review followed. Concerns regarding the location of topsoil stockpiles in relation to proximity to the conveyor belt area rendered moot.

More specific hydrology questions will be forthcoming as a result of this meeting. Of main interest is the fate of runoff water coming off operational areas.

Bonding forms were given to Mr. Fyock for estimations of reclamation costs in light of the reclamation contract held for this property.

THOMAS L. PORTLE  
RECLAMATION SOILS SPECIALIST

TLP/lm

cc: LeRoy Fyock, Chevron  
Jim Smith, DOGM  
Dave Darby, DOGM  
Wayne Hedberg, DOGM  
Clay Perchon, DWR, Vernal